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AMENDMENTS TO THE CLAIMS

1.   (Currently amended) A method for providing a multimedia service in a network environment in which a server and a plurality of clients are connected with each other and the server provides a multimedia service according to a request of a client, comprising:

a service requesting step in which one of the plurality of clients requests a multimedia service from the server;

a capability negotiation step in which it is evaluated whether the server is to generate a new session to provide the multimedia service according to the request by the one client; and

a service providing step in which the server provides the multimedia service to the one client through the capability negotiation without predetermining the number of sessions provided by the server to clients.

2.   (Previously presented) The method according to claim 1, wherein the capability negotiation step comprises the sub-steps of:

evaluating an available amount of a CPU and a memory of the server;

evaluating an available amount of a bandwidth of a network connecting the server and the clients;

evaluating an available amount of a CPU and a memory of the one client; and

generating the new session in case that the resources of the server, the one client and the network are available after being evaluated.

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3.　(Previously presented)　The method according to claim 2, wherein, in the capability negotiation step, in case that even one of the server, the one client and the network is short of resources, the new session is refused to be generated.

4.　(Currently amended)　An apparatus for providing a multimedia service in a network environment in which a server and a plurality of clients are connected with each other and the server provides a multimedia service according to a request of a client, comprising:

a client from the plurality of clients who requests the multimedia service from the server; and

the server for determining whether a new session is to be generated to provide the multimedia service according to the request of the client without predetermining the number of sessions provided by the server to clients.

5.　(Previously presented)　The apparatus according to claim 4, wherein the server comprises:

an application program part for providing an information service supporting an application processing procedure of a user;

an operating system for providing a service required for the application program part to use a hardware and a software; and

a network part for establishing, maintaining, terminating of a connection, and managing of address assigning, path selecting and network function selecting.

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6.   (Original) The apparatus according to claim 4, wherein the server provides a text or a multimedia data to a client.

7.   (Previously Presented) The apparatus according to claim 4,

wherein the server evaluates an available amount of resources including a CPU and a memory of itself, a network bandwidth, and a CPU and a memory of the client, and

wherein in case that the resources are available to use, the server generates the new session, while in case that even one of the resources are not available to use, the server refuses to generate the new session.

8.   (Previously Presented) The apparatus according to claim 5, wherein the application program part includes a client-network manager to check the resource allocation amount with respect to the CPU and the memory from the operating system, check the resource allocation amount with respect to the network bandwidth from the network part, and check the resource allocation amount with respect to the CPU and the memory of the client.

9.   (Currently amended) A method for a server for providing a multimedia service in a network, the method comprising:

receiving a request from a client of the network for the multimedia service;

determining whether sufficient resources are available to provide the requested multimedia service to the client; and

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generating a session between the server and the client when it is determined that sufficient resources are available to provide the requested multimedia service <u>without predetermining the number of sessions provided by the server to clients</u>.

10. (Previously presented) The method of claim 9, wherein the step of determining whether sufficient resources are available includes:

determining whether the server's available amount of CPU is sufficient;

determining whether the server's available amount of memory is sufficient;

determining whether the network's available amount of bandwidth is sufficient;

determining whether the client's available amount of CPU is sufficient; and

determining whether the client's available amount of memory is sufficient.

11. (Previously presented) The method of claim 10, wherein if at least one of the amounts of the available server CPU, the server memory, the network bandwidth, the client CPU, and the client memory is deemed to be not sufficient, the determining step determines that sufficient resources are not available.

12. (Currently amended) A server for providing a multimedia service in a network, comprising:

a request receiving part configured to receive a request from a client of the network for the multimedia service;

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a determination part to determine whether sufficient resources are available to provide the requested multimedia service to the client; and

a session generator to generate a session between the server and the client when the determination part determines that sufficient resources are available to provide the requested multimedia service <u>without predetermining the number of sessions provided by the server to clients</u>.

13. (Previously presented) The server of claim 12, wherein the determination part is configured to:

determine whether the server's available amount of CPU is sufficient;

determine whether the server's available amount of memory is sufficient;

determine whether the network's available amount of bandwidth is sufficient;

determine whether the client's available amount of CPU is sufficient; and

determine whether the client's available amount of memory is sufficient.

14. (Previously presented) The server of claim 13, wherein if at least one of the amounts of the available server CPU, the server memory, the network bandwidth, the client CPU, and the client memory is deemed to be not sufficient, the determination part is configured to determine that sufficient resources are not available.